

DH-PFM920I-6UN-C/U

305m UTP CAT6 CPR E/UL CM Cable



Features

- 305m UTP CAT6;
- Support PoE long-distance transmission;
- Excellent OFC with 99.99% OFC(oxygen free copper) purity;
- Environmentally-friendly outer sheath, meet the CPR E/ UL CM class;
- Top-notch quality guarantee for 10 years.

Technical Specifications

| Model | | DH-PFM920I-6UN-C | DH-PFM920I-6UN-U |
|---|-------------------------|---|---|
| Structure | | | |
| Conductor | Material | OFC(oxygen free copper) | |
| | Structure | 4P*0.53±0.01mm | |
| Insulation | Material | HDPE | |
| | Min. average thickness | 0.21mm | |
| | Diameter | 0.95mm±0.05mm | |
| | Color(4 Pairs) | Orange, white/orange; green, white/green; blue, white/blue; brown, white/brown | |
| Rip cord | | Yes | |
| Jacket | Material | PVC, meet the requirement of CPR E class | PVC, meet the requirement of UL CM class |
| | Min. average thickness | 0.40mm | |
| | Diameter | 6.0±0.50mm | |
| | surface | Smooth, full and tight | |
| | Color | Orange and white are optional | |
| General | Length | 305m(1000.66ft) | |
| | N.W. | 11.25kg(24.8lb) | |
| | Packaging dimension | 412mmx412mmx215mm(16.22"x16.22"x8.46") | |
| | Weight (with packaging) | 12.75kg(28.11lb) | |
| Mechanical properties | | | |
| Insulation | Tensile strength | ≥16MPa | |
| | Elongation at break | ≥300% | |
| | Peeling property | No damage to insulation or conductor | |
| Jacket | Tensile strength | Before aging: ≥13.5MPa After aging: ≥12.5MPa | Before aging: ≥13.5MPa Retention rate of tensile strength after aging: ≥85% |
| | Elongation at break | Before aging: ≥150% After aging: ≥125% | Before aging: ≥150% Retention rate of elongation at break after aging: ≥50% |
| | Aging condition | 100°C*24h*7d | |
| | Peeling property | No damage to insulation, cold bending (-20C *4h), the outer diameter of the cable is 8 times, without cracking. | No damage to insulation, cold bending (-15C *4h), the outer diameter of the cable is 8 times, without cracking. |
| Electrical performance (20°C) | | | |
| Characteristic impedance (1-250MHz) | | 100±15Ω | |
| DC resistance | | ≤9.38Ω/100m | |
| Max. unbalance rate of line pairs' direct current | | ≤5% | |
| Time delay | | ≤45ns/100m | |

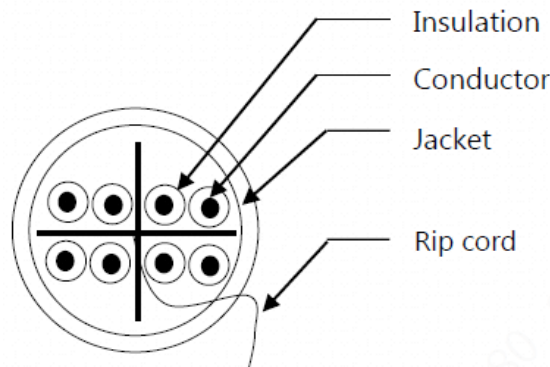
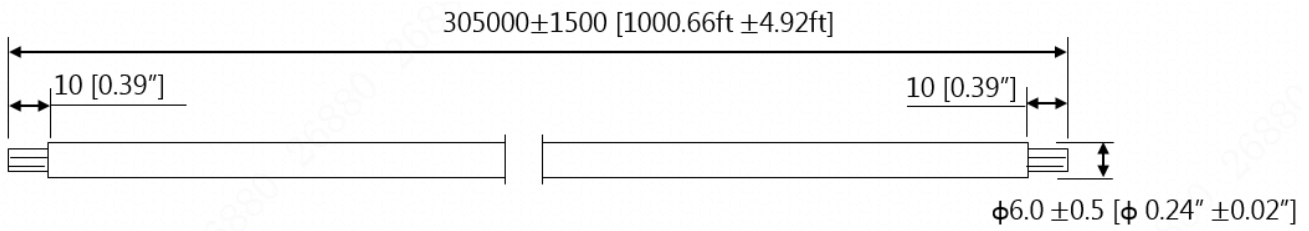
Cable Series | DH-PFM920I-6UN-C/U

| | |
|----------------------------|------------|
| Max. mutual capacitance | 5.6nF/100m |
| Min. insulation resistance | 5000MΩ·km |

Order Information

| Type | Part Number | Description |
|--------------|-------------------------|--|
| Cable Series | DH-PFM920I-5EUN | 305m UTP CAT5E cable _Dahua brand; CPR E class; Distribution |
| | DH-PFM920I-5EU-C | 305m standard UTP CAT5E cable _Dahua brand; CPR E class |
| | DH-PFM920I-5EU-U | 305m standard UTP CAT5E cable _Dahua brand; UL CM class |
| | DH-PFM920I-6UN-C | 305m UTP CAT6 cable _Dahua brand; CPR E class; Distribution |
| | DH-PFM920I-6UN-U | 305m UTP CAT6 cable _Dahua brand; UL CM class; Distribution |

Dimensions (mm/inch)



Package Information

- 305m UTP CAT6 cable *1